

Substitute form 449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

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Complete if Known

Application Number	09/756,504
Filing Date	January 8, 2001
First Named Inventor	Gregory Edward Bottomley
Group Art Unit	2637
Examiner Name	Khai Tran
Attorney Docket Number	8194-461

U.S. PATENTS AND PATENT PUBLICATIONS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER NON PATENT LITERATURE DOCUMENTS

OTHER NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
llt	1	Lagunas, Miguel A., "Joint Array Combining and MLSE for Single-User Receivers in Multipath Gaussian Multiuser Channels," IEEE Journal on Selected Areas in Communication, Vol. 18, No. 11, November 2000, pp. 2252-2259	
llt	2	Tantikovit et al., "Joint Multipath Diversity Combining and MLSE Equalization (Rake-MLSE Receiver) for WCDMA Systems," Vehicular Technology Conference Proceedings, 2000, VTC 2000-Spring, Tokyo, 2000 IEEE 51 st , Volume 1, May 15-18, 2000, pp. 435-439	

Examiner Signature

Date Considered

3/14/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. Department of Commerce
Patent and Trademark Office



Attorney Docket Number
8194-461

Serial No.
To Be
Assigned

LIST OF DOCUMENTS CITED BY APPLICANT

(Use several sheets if necessary)

Applicants: Bottomley et al.

Filing Date: January 8, 2001

Group

U. S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS

Document Number	Date	Country	Class	Subclass	Translation Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1	Forney, Jr., G. David "Maximum-Likelihood Sequence Estimation of Digital Sequences in the Presence of Intersymbol Interference," IEEE Transactions on Information Theory, Vol., IT-18, No. 3, May 1972, pp. 363-377
2	Ungerboeck, Gottfried "Adaptive Maximum-Likelihood Receiver for Carrier-Modulated Data-Transmission Systems," IEEE Transactions on Communications, Vol. Com-22, No. 5, May 1974, pp. 624-636

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FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office				Attorney Docket Number 8194-461		Serial No. 09/756,504	
LIST OF DOCUMENTS CITED BY APPLICANT (Use several sheets if necessary)							
Applicants: Bottomley et al.							
Filing Date: January 8, 2001						Group 2631	
U. S. PATENT DOCUMENTS							
Examiner Initial	Serial Number	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1	6,148,023	11/14/00	Pelin et al.	375	206	
	2	5,966,415	10/12/99	Bliss et al.	375	350	
	3	5,889,827	03/30/99	Bottomley et al.	375	350	
	4	5,483,557	01/09/96	Webb	375	349	
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	5	1 065 793 A2	01/03/00	Europe			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	6	Standard Search Report, U.S. Application No. 09/756,504, August 29, 2001					


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